TEST REPORT

Report No.: OT-25O-RRD-003

1. Client
   - ○ Name : XPERIX CO., LTD.
   - ○ Address : Unit 305, 3F, 201, Songpa-daero, Songpa-gu, Seoul, Republic of Korea
   - ○ Reception No. : 2510003371

2. Product
   - ○ Description : Fingerprint Scanners
   - ○ Model Name : RealScan SG10
   - ○ Serial No. : N/A

3. Date of Test : 2025. 9. 24. ~ 9. 25.

4. Test Method Used : KS C IEC 60529:2013

5. Test Results : Refer to attached test report

Affirmation	Tested by	Approved by
	Test Engineer Name: Sang Hoon Kim Signature	Technical Manager Name: Sun Young Yoon Signature

1. This test report is not valid for whole product's quality and only done for product sample which had been submitted by client for testing.
2. This test report must not be used as an advertisement or judgement material without written consent from ONETECH, and is strictly forbidden to be used for any other purpose.
3. This test report presents the test results obtained in accordance with the testing methods or standards which are provided by the client.
4. This test report is not associated with the accreditation granted by the Korean Laboratory Accreditation Scheme (KOLAS).

2025. 10. 1.

The president of ONETECH Corp.

ONETECH Corp. 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do 12735 Korea
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1. TESTING LABORATORY INFORMATION

-. Testing Location : ONETECH Giheung Laboratory

-. Address : 24, Giheungdanji-ro 141beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea

2. CLIENT AND MANUFACTURER INFORMATION

-. Client : XPERIX CO., LTD.

-. Address : Unit 305, 3F, 201, Songpa-daero, Songpa-gu, Seoul, Republic of Korea

-. Manufacturer : XPERIX CO., LTD.

-. Address : Unit 305, 3F, 201, Songpa-daero, Songpa-gu, Seoul, Republic of Korea

3. TEST SUMMARY

Standards	Test Items	Results	Test Date
IEC 60529:2013	Test for protection against access to hazardous parts (IP6X)	Refer to 5.4	2025. 9. 24.
	Test for protection against solid foreign objects (IP6X)	Refer to 6.4	2025. 9. 24.
	Test for protection against water (IPX5)	Refer to 7.4	2025. 9. 25.

Please contact us [(TEL : +82-31-799-9500 (Ext.0)] for verification of this test report.

4. EUT (Equipment Under Test)

4.1 Identification of EUT

-. Equipment : Fingerprint Scanners

-. Type/model : RealScan SG10

-. Sample quantity : 1 EA

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5. Test for protection against access to hazardous parts (IP6X)

Date: 2025. 9. 24.

5.1 Environmental condition

Ambient temperature (20 ± 2) ℃
Relative humidity (68 ± 3) % R.H.
Atmospheric Pressure 1 010 hPa

5.2 Test equipment used

Model Number	Manufacturer	Description	Serial Number	The due date of next Calibration
BPT-02	DAEKYUNG	1.0 mm Test Probe	194375	2026. 3. 25.
DS2-1000N	OPTECH	FORCE MEASUREMENT	303410	2026. 7. 24.

5.3 Test method

Items	Descriptions
1st Characteristic Numbers	6
Test Condition	- Access probe: Test wire 1.0 mm diameter, 100 mm long - Test force: 1 N ± 10 %

5.4 Test result

EUT No.	Result
1	No pass of probe was found at any point within the enclosure

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6. Test for protection against solid foreign objects (IP6X)

Date: 2025. 9. 24.

6.1 Environmental condition

Ambient temperature (20 ± 2) ℃
Relative humidity (68 ± 3) % R.H.
Atmospheric Pressure 1 010 hPa

6.2 Test equipment used

Model Number	Manufacturer	Description	Serial Number	The due date of next Calibration
SOC-3000DSEM	SCM Technology	DUST CHAMBER	SOC-19-43-12DSEM	N/A
RMA-13-SSV	Dwyer	Area flow meter	T07AE-1	2026. 5. 13.
-0.1 ~ 0 MPa	KVALICO	Pressure transducer / transmitter	20190620-1	2026. 5. 19.

6.3 Test method

Items		Descriptions
1st Characteristic Numbers		6
Enclosures Category		■ Category 1 □ Category 2 □ Category 1 and Category 2
Test Condition		- Wire diameter: 50 ㎛ - Width between wires: 75 ㎛ - Amount of talcum powder of the test chamber: 2 kg/m^3
Method	Category 1	□If an extraction rate of 40 to 60 volumes per hour is obtained the duration of the test is 2 h. ■If, with a maximum depression of 2 kPa(20 mbar), the extraction rate is less than 40 volumes per hour, the test is continued until 80 volumes have been drawn, or a period of 8 h has elapsed.
	Category 2	□The enclosure under test is supported in its normal operating position inside the test chamber, but is not connected to a vacuum pump. Any drain-hole normally open shall be left open for the duration of the test. The test shall be continued for a period of 8 h.

6.4 Test result

EUT No.	Result
1	No traces of dust deposits were found at any point within the enclosure

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7. Test for protection against water (IPX5)

Date: 2025. 9. 25.

7.1 Environmental condition

Ambient temperature	(20 ± 2) ℃
Relative humidity	(68 ± 3) % R.H.
Atmospheric Pressure	1 010 hPa

7.2 Test equipment used

Model Number	Manufacturer	Description	Serial Number	The due date of next Calibration
GA-101	KOMETER	Flow Meter(15 L/min) - IPX	G-2808141-1	2026. 8. 28.
N/A	DAEKYUNG	Jet Nozzle Set(6.3 mm) - IPX	N/A	N/A
HS-3	CASIO	STOP WATCH	202822	2027. 7. 25.

7.3 Test method

Items	Descriptions
2nd Characteristic Numbers	5
Test Condition	- Internal diameter of the nozzle: 6.3 mm - Water flow rate: 12.5 L/min ± 5 % - Distance nozzle to enclosure surface: Between 2.5 m ~ 3 m - Test duration per square meter of enclosure surface area likely to be sprayed: 1 min(at least 3 min) - The duration of the test: 3 min

7.4 Test result

EUT No.	Result
1	No Water deposits were found at any point within the enclosure

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APPENDIX I - PHOTO OF EUT






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APPENDIX II - PHOTO OF TEST



IP6X



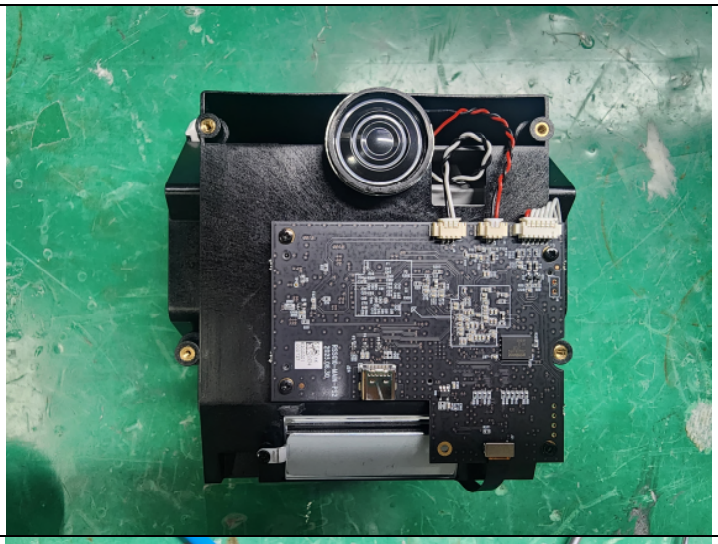
IP6X

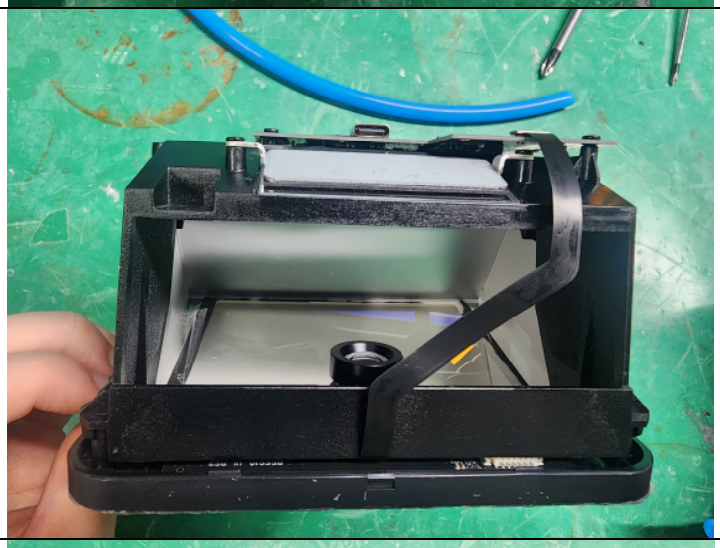


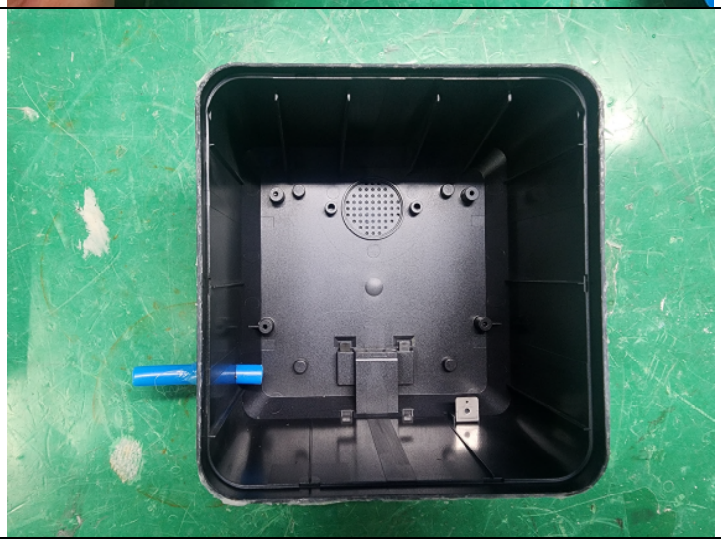
IPX5

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APPENDIX III - PHOTO OF INSIDE AFTER TEST



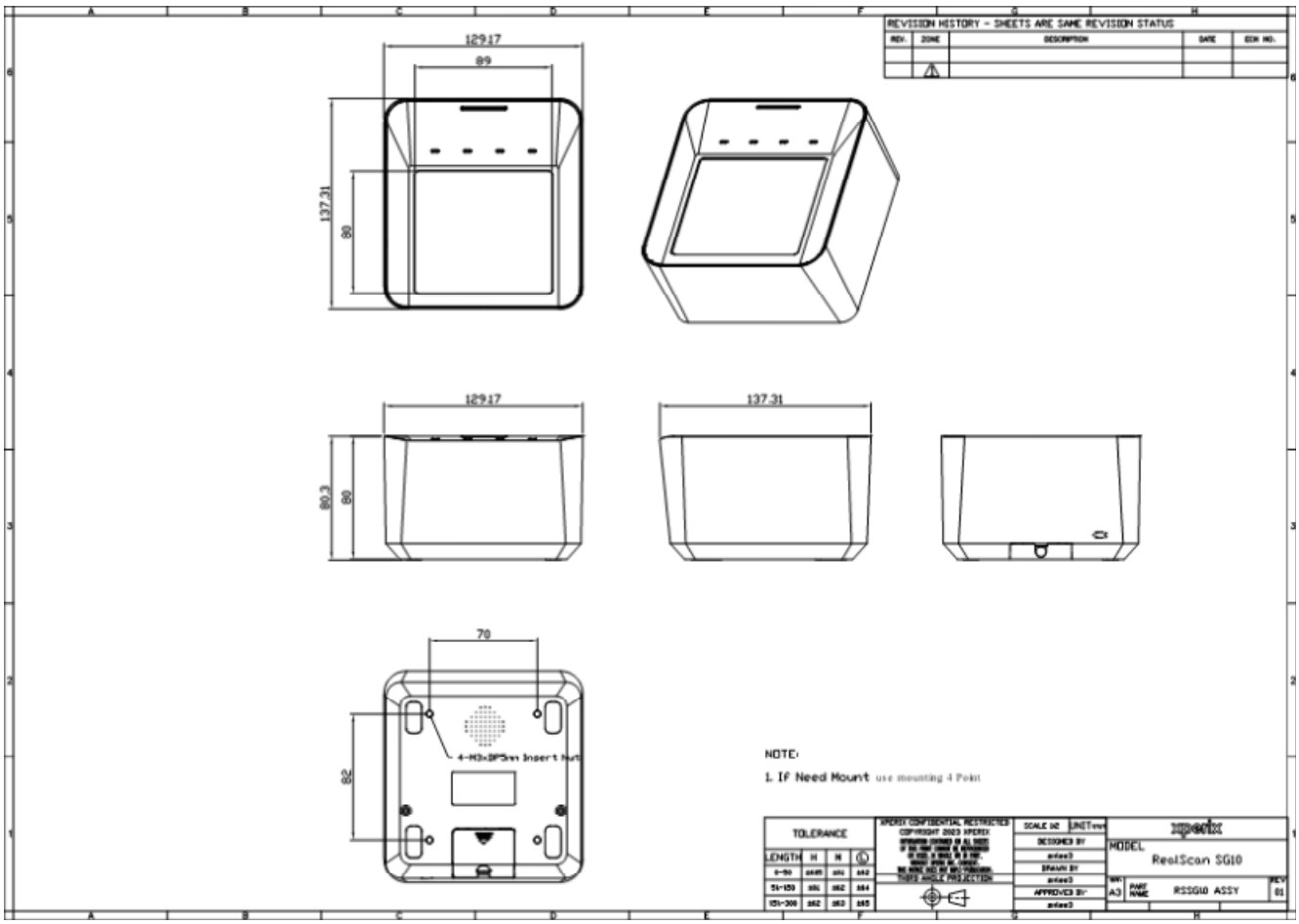




IP65

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APPENDIX IV- DRAWING



- End -

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